

July 9, 2007

CURRICULUM VITAE
Jaime Guzmán, M.D., M. Sc., FRCPC

B1 DEGREES AND QUALIFICATIONS:

- 2003** Specialty in Physical Medicine and Rehabilitation. University of Manitoba. Certified by the Royal College of Physicians and Surgeons of Canada.
- 1999** M. Sc. Clinical Epidemiology. University of Toronto
- 1997** Clinical Fellowship (Adult Rheumatology). University of Toronto, Toronto, ON, Canada
- 1993** Clinical Fellowship (Pediatric Rheumatology). University of British Columbia, Vancouver, Canada
- 1991** Specialty in Rheumatology. National Autonomous University of Mexico. Certified by the Mexican Board of Rheumatology
- 1989** Specialty in Internal Medicine. National Autonomous University of Mexico. Certified by the Mexican Board of Internal Medicine
- 1985** Medical Doctor. University of Guanajuato, Mexico
- 1979** Baccalaureate, Biological Sciences. University of Guanajuato, Mexico

B2 PROFESSIONAL APPOINTMENTS:

CURRENT POSITIONS:

Interim Chief Scientific and Medical Officer, and Scientific and Medical Director for
Disability Prevention
Occupational Health & Safety Agency for Health Care in BC

Clinical Assistant Professor, Department of Medicine
University of British Columbia

1. Research Appointments:

- 2006- Adjunct Scientist, Institute for Work & Health, Toronto, ON, Canada
- 2006- Adjunct Scientist, Toronto Rehabilitation Institute, Toronto, ON, Canada
- 2003-06 Associate Scientist, Institute for Work & Health, Toronto, ON, Canada
- 1999-02 Research Associate, Faculty of Medicine, University of Manitoba, Winnipeg, MB
- 1995-98 Research Fellow, Institute for Work and Health, Toronto, ON, Canada
- 1994-95 Associate Researcher. National Institute of Nutrition, National Institutes of Health, Ministry of Health. Mexico City, Mexico

2. Hospital Appointments

- 2007 Locum Medical Staff, Provincial Health Services Authority, BC Children's Hospital, Vancouver, BC, Canada
- 2005-06 Active Medical Staff, Toronto Rehabilitation Institute, Toronto, ON, Canada
- 2003-05 Associate Medical Staff, Toronto Rehabilitation Institute, Toronto, ON, Canada
- 1999-03 Resident, Physical Medicine and Rehabilitation, Health Sciences Centre, Winnipeg, MB, Canada
- 1995-97 Clinical Fellow, Rheumatology, The Wellesley Hospital, Toronto, ON, Canada
- 1993-95 Staff Physician (Rheumatology), Angeles del Pedegral Hospital, Mexico City, Mexico
- 1992-95 Staff Rheumatologist, National Institute of Nutrition, Mexico City, Mexico
- 1991-93 Clinical fellow, British Columbia's Children's Hospital, Vancouver, Canada
- 1991 Staff Internist, Leon National Medical Center, Mexican Institute of Social Security, Leon, Mexico
- 1986-91 Resident, National Institute of Nutrition, Mexico City, Mexico
- 1985-86 Director, Health Community Center C "Los Rodriguez de Silao". Silao, Guanajuato, Mexico

1984 Rotating internship, Medicine and Surgery at the National Institute of Nutrition; Obstetrics and Gynecology at the National Institute of Perinatology; Pediatrics at the Federico Gomez Children's Hospital of Mexico, Mexico City, Mexico

3. University Appointments

University of British Columbia

Clinical Assistant Professor, Department of Internal Medicine, UBC 2006-

University of Toronto

Assistant Professor, Department of Internal Medicine, University of Toronto. 2003-2006

National Autonomous University of Mexico

Adjunct Professor (Rheumatology). Course of systematization of basic and clinical medical knowledge for recent medical graduates. 1993, 1994, and 1995

University of Guanajuato

Part time Adjunct professor. Undergraduate module, Musculoskeletal System and Postgraduate course in Immunology. 1991

B3 AWARDS AND DISTINCTIONS:

- 2003 Award for best essay by a resident. Association of Rehabilitation Medicine of Manitoba.
- 2001 Award for best research paper by a resident. Association of Rehabilitation Medicine of Manitoba.
- 2000 Award for best essay by a resident. Association of Rehabilitation Medicine of Manitoba.
- 1999 Award for best research poster. Post-Doctoral level. Annual conference of the Health Evidence Application and Linkage Network, Networks of Centres of Excellence Program, Calgary, AB, March 28-30, 1999.

- 1995 Research Fellowship, Institute for Work & Health, Toronto, Canada
- 1992 Research grant from the Telethon Fund, British Columbia's Children's Hospital, Vancouver, Canada
- 1992 J. Dean Robinson Fund grant, Division of Rheumatology, Department of Medicine, University of British Columbia, Vancouver, Canada
- 1991 Best Medical Resident Presentation award, Research Day, Arthritis Society, British Columbia and Yukon Division, Vancouver, Canada
- 1985 Rodolfo Nieto Padron research medal, Children's Hospital of Villahermosa, Villahermosa, Mexico
- 1985 A.H. Robins award for the top medical graduate, University of Guanajuato, Leon, Mexico
- 1978-83 Five annual diplomas for academic performance, University of Guanajuato, Mexico

B4 PROFESSIONAL SOCIETIES:

- 2005-2006 Member, University of Toronto, (Clinical Faculty) Academic Clinical Tribunal.
- 2004-2006 Member, Toronto Rehabilitation Institute, Medical Staff Association Credentials Committee
- 2004-present Member, Scientific Secretariat, Decade of the Bone and Joint Task Force on Neck Pain and Its Associated Disorders
- 2004-Present Fellow, Canadian Association of Physical Medicine and Rehabilitation
- 2003-present Fellow, Royal College of Physicians and Surgeons of Canada
- 2003-present Affiliate, Physiatric Association of Spine, Sports and Occupational Rehabilitation
- 2001-present Member, American Academy of Physical Medicine and Rehabilitation
- 2001-2004 Associate Member, Canadian Association of Physical medicine and Rehabilitation
- 1999-2003 Resident Member, The Royal College of Physicians and Surgeons of Canada

1993-2000	Fellow, American College of Rheumatology
1991-present	Member, Mexican Society of Rheumatology
1989-1990	Mexican Association for Internal Medicine
1987-1996	Association of Physicians of the National Institute of Nutrition

C1 RESEARCH ENDEAVOURS:

My research experience includes 23 clinical research papers published in peer-reviewed journals and collaboration in 9 funded research grants. According to the Science Citation Index, 13 of these papers have been cited repeatedly in the medical literature. I obtained my first Canadian faculty appointment at The University of Toronto in October 2003 with a mandate to conduct trans-disciplinary action research to address two overarching questions: What are the key personal and environmental factors that enhance the occupational and non-occupational participation of people with back pain? And: What can care providers do to strengthen these factors?

The trans-disciplinary action-directed nature of the research calls for involvement in large research and stakeholder collaborations. Two formal collaborations have received funding: The Centre for Research Expertise on Improved Disability Outcomes and The Community University Research Alliance on Workers' Compensation and the Consequences of Work Injury. In British Columbia I will conduct research on prevention of disability among healthcare workers, in linkage with the above collaborations and with the CIHR Work Disability Prevention training program.

C2 FUNDED RESEARCH:

- 2006 Tousignant M, Charpentier N, Durand MJ, Poitras S, Côté M, Dumas JP, **Guzman J**, Rossignol M. Étude Qualitative des Obstacles et des Facilitateurs à l'utilisation du guide de pratique "Clinique des Lombalgies Interdisciplinaires en Première ligne (CLIP)" chez des médecins-omnipraticiens, des physiothérapeutes et des ergothérapeutes québécois. One year Funding: \$21,203. Co-Investigator
- 2006 Tompa E, Endicott M, de Wolf A, Franche R L, **Guzmán J**, MacEachen E, Stone S, Gildiner A, Storey R, Lippel K, Ballantyne P. W. Community-University Research Alliance on Workers' Compensation and the Consequences of Work Injury. Funded

- by Social Sciences and Humanities Research Council of Canada (SSHRC). Five year funding: \$997,322 Co-investigator
- 2006 Cassidy DJ, Cote P, Carrette S, Mohamed N, Hamer H, Inman R, Von Schroeder H, Gignac M, Evans M, Bombardier C, Ammendolia C, Franche RL, Cole D, Reardon r, **Guzmán J**, Flannery J, Davis A, Andersen J, Loisel P, Wells R. Centre of Research Expertise on Improved Disability Outcomes. Funded by the Ontario Workplace Safety & Insurance Board. Five year funding: \$2,250,000. Co-investigator
- 2004 **Guzmán J**, Frank JW, Hayden J, Cassidy JD, Loisel P, Furlan A, Flannery JF. What are the key modifiable personal and environmental factors that prevent disability in people with back pain? A consensus using Delphi and Q-card methodologies. Funded by the Ontario Workplace Safety and Insurance Board Research Advisory Council, Ontario, Canada. One year funding: CAD\$ 29,504. Principal Investigator
- 2003 Roberts L, **Guzmán J**. Prevention of Disability from Work-Related Low-Back Pain. Funded by the Innovations and Opportunities Fund, Winnipeg Health Sciences Centre, Manitoba, Canada. Seed funding: CAD \$24,931. Co-principal Investigator
- 1999 Stock S, Baril R, Durand MJ, Rossignol M, Cole D, Wells R, Frank JW, Contandriopoulos, Moehr J, **Guzmán J**, Berthelette D, Lapointe C, Simoneau S. Development and evaluation of decision-support tools for the temporary reassignment of workers suffering from musculoskeletal disorders. Funded by Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST), Montreal, Quebec, Canada. Three year funding: CAD \$140,540. Collaborator
- 1999 S Stock. Developing and Evaluating Tools to Facilitate Evidence-Based Decisions on Return To Work Measures in the Electric and Electronic Sector. Funded by HEALNet Canadian Centers of Excellence Program, McMaster University, Hamilton, Ontario, Canada. Three year funding: CAD \$249,000. Collaborator
- 1998 Cooper JE, **Guzmán J**, Yassi A. Enhancing the role of Manitoba primary care physicians in decreasing disability secondary to work-related soft tissue injuries. Funded by the Workers Compensation Board of Manitoba, Canada. Three year funding: CAD \$251,230. Co-investigator
- 1998 Frank JW, “Work-Ready II. A follow-up proposal to fully field-test and refine multi-stakeholder tools for reducing work-related disability from soft-tissue injury.” Funded by HEALNet Canadian Centers of Excellence Program, McMaster University, Hamilton, Ontario, Canada. One year funding: CAD \$130,000. Co-investigator
- 1996 Frank JW, “Work-Ready: A project to define the core elements and instruments to increase functional status and decrease time loss following work-related musculoskeletal disorders in three Canadian Provinces.” Funded by HEALNet

Canadian Centers of Excellence Program, McMaster University, Hamilton, Ontario, Canada. Two year funding: CAD \$80,000. Collaborator

C3 PATENTS:

C4 PEER-REVIEW FOR SCIENTIFIC JOURNALS AND GRANTING AGENCIES:

Reviewer for Arthritis Care and Research, Journal of Rheumatology, Medical Journal of Australia, Clinical Orthopedics and Related Research, Canadian Family Physician

Ad-hoc reviews for Canadian Institutes of Health Research, Alberta Heritage Foundation for Health Research, WorkSafe BC, and Toronto Rehabilitation Institute Internal Peer Review

D PUBLICATIONS:

D1 REFEREED PUBLICATIONS

Guzmán J, Jones D, Cassidy JD, Furlan A, Loisel P, Frank JW. Key Factors in Back Disability Prevention: What influences their relative prioritization? *Spine* 2007 Apr 20;32(9):E281-9. Principal Author

Guzmán J, Hayden J, Furlan A, Cassidy D, Loisel P, Flannery, Gibson J, Frank, J. Key Factors in Back Disability Prevention: A Consensus Panel on Their Impact and Modifiability. *Spine* 2007 Apr 1;32(7):807-15. Principal Author

Guzmán J, Yassi A, Baril R, Loisel P. Decreasing Occupational Injury and Disability: The Convergence of Systems Theory, Knowledge Transfer and Action Research. (In press, "Work"). Principal Author

van der Velde G, van Tulder M, Cote P, Hogg-Johnson S, Aker P, Cassidy JD; Scientific Secretariat of The Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders; Carragee E, Carroll L, **Guzman J**, Haldeman S, Holm L, Hurwitz E, Nordin M, Peloso P. The sensitivity of review results to methods used to appraise and incorporate trial quality into data synthesis. *Spine*. 2007 Apr 1;32(7):796-806. Collaborator

Loisel P, Cote P, Duran M, Franche R, Sullivan M and **all other mentors of the program**. Training the Next Generation of Researchers in Work Disability Prevention: The Canadian Work Disability Prevention CIHR Strategic Training Program. *J Occupational Health* 2005 September; 15 (3): 273-284. Collaborator

Baril R, Clarke J, Friesen M, Stock S, Cole D and **The Work-Ready Group**. Management of return-to work programs for workers with musculoskeletal disorders: a qualitative study of three Canadian Provinces. *Social Science & Medicine*; 2003 Dec; 57 (11): 2101-2114. Collaborator

Guzmán J, Cooper JE, Khokhar J, Yassi A. Perspectives of primary care physicians on return to work after a soft tissue injury. *Can Fam Physician* 2002;48:1912-9. Principal Author

Guzmán J, Esmail R, Karjalainen K, Malmivaara A, Irvin E, Bombardier C. Multidisciplinary bio-psycho-social rehabilitation for chronic low back pain. *Cochrane Database System Rev* 2002(1). Principal Author

Guzmán J, Esmail R, Karjalainen K, Malmivaara A, Irvin E, Bombardier C. Multidisciplinary bio-psycho-social rehabilitation for chronic low back pain. A systematic review. *BMJ* 2001;322:1511-6. Related letter appeared in *BMJ* 2001;323:1251. Principal Author

Li L, Irvin E, **Guzmán J**, Bombardier C. Surfing for back pain patients. The nature and quality of back pain information on the Internet. *Spine* 2001;26(5):545-557. Co-Principal Author

Guzmán J, Peloso P, Bombardier C. Capturing health care utilization after occupational low back pain: development of an interviewer-administered questionnaire. *J Clin Epidemiol* 1999; 52: 419-27. Principal Author

Arce-Salinas CA, Cardiel MH, **Guzmán J**, Alcocer-Varela J. Validity of retrospective disease activity assessment in systemic lupus erythematosus. *J Rheumatol* 1996;23:846-9. Co-Principal Author

Guzmán J, Burgos-Vargas R, Duarte C, Gómez-Mora P. Reliability of the articular examination in children with juvenile rheumatoid arthritis: inter-observer agreement and sources of variation. *J Rheumatol* 1995;22:2331-6. Principal Author

Guzmán J, Cardiel MH, Arce-Salinas A, Alarcón-Segovia D. The contribution of resting heart rate and routine blood tests to the clinical assessment of disease activity in systemic lupus erythematosus. *J Rheumatol* 1994; 21:1845-8. Principal Author

Guzmán J, Fung M, Petty RE. Diagnostic value of anti-neutrophil cytoplasmic and anti-endothelial cell antibodies in early Kawasaki disease. *J Pediatr* 1994;124:917-20. Principal Author

Guzmán J, Petty RE, Malleson PN. Monitoring disease activity in juvenile dermatomyositis: the role of von Willebrand Factor and muscle enzymes. *J Rheumatol* 1994;21:739-43. Principal Author

Guzmán J, Cabral AR, Cabiedes J, Pita-Ramírez L, Alarcón-Segovia D. Antiphospholipid antibodies in patients with idiopathic autoimmune haemolytic anemia. *Autoimmunity* 1994; 18:51-6. Principal Author

Guzmán J, Ponce de León S, Pita-Ramírez L, Castillo-Rentería C, Pérez-Pimentel L. Change in quality of life as an index of clinical course in disease. Comparison of two instruments. *Rev Invest Clin* 1993;45:439-52. (Spanish) Principal Author

Guzmán J, Cardiel MH, Arce-Salinas A, Sánchez-Guerrero J, Alarcón-Segovia D. Measurement of disease activity in systemic lupus erythematosus. Prospective validation of 3 clinical indices. *J Rheumatol* 1992;19:1551-8. Principal Author

Ferral-Rios H, **Guzmán-Ramírez J**, Ponce de León S. Intrahospital cardiopulmonary arrest. The experience of a referral center. *Rev Invest Clin* 1990;42:1-6. (Spanish) Co-Principal Author

Muñoz L, **Guzmán J**, Ponce de León S, Mutchinick O, Arista J, Vázquez J. Malignant familiar pleural mesothelioma. *Rev Invest Clin* 1988;40:453-457. (Spanish) Co-Principal Author

Guzmán J, Velásquez-Jones L, Núñez R, Mota-Hernández F, Saiz-Calderón M, Briones-Rosales S. Complications of intravenous catheters in children. A prospective and observational study. *Bol Med Hosp Infant Mex* 1986;43:211-8. (Spanish) Principal Author

Ruelas-Orozco G, **Guzmán J**, Malacara JM. Risk factors for perinatal mortality in a case-control study. *Bol Med Hosp Infant Mex* 1985;42:153-8. (Spanish) Co-Principal Author

D2 NON-REFEREED PUBLICATIONS

THESES, REPORTS AND MONOGRAPHS

Guzmán J, Frank JW, Hayden J, Cassidy JD, Loisel P, Furlan A, Flannery JF. Key Factors in Back Disability prevention: A consensus funded by the Ontario Workplace Safety & Insurance Board Research Advisory Council. Final Report. Toronto, ON: Institute for Work & Health, 2005. Principal Author

Yassi A, Cooper JE, Khokhar J, **Guzmán J**, Gauthier L. Primary Care and Occupational Disability Study. Final Report. Winnipeg, MB: The University of Manitoba, 2002. Co-Principal Author

Yassi A, Cooper JE, Khokhar J, **Guzmán J**, Gauthier L. Primary Care and Occupational Disability Study. Report of phase 1. Winnipeg, MB: The University of Manitoba, 2000. Co-Principal Author

Guzmán J, Ward A, Frank JW. Facilitation of return-to-work after a soft tissue injury: bringing the stakeholders together. A HEALNet report on the findings of the Work-Ready project. Hamilton, ON: HEALNet Work-Ready Research Group, 2000. Principal Author

Frank JW, **Guzmán J**, compilers. Facilitation of return-to-work after a soft tissue injury: synthesizing evidence and experience. A HEALNet report on the findings of the Work-Ready project. Hamilton, ON: HEALNet Work-Ready Research Group, 1999. Co-Principal Author

Guzmán J. Development and initial evaluation of an evidence-based in-office decision aid to improve the assessment and treatment of patients with acute low back pain in primary care practice. The Peterborough Back Rules for Acute Low Back Pain. Thesis to obtain the degree of Master of Science in Clinical Epidemiology, University of Toronto, 1999. Principal Author

Guzmán-Ramírez J. The measurement of disease activity in systemic lupus erythematosus. Thesis for the specialization in Rheumatology, National Autonomous University of Mexico, 1991. (Spanish) Principal Author

Guzmán-Ramírez J. The assessment of quality of life in controlled clinical trials. Thesis for the specialization in Internal Medicine, National Autonomous University of Mexico, 1991. (Spanish) Principal Author

Guzmán-Ramírez J. Complications of intravenous lines in children. Thesis to obtain Medical Doctor degree, University of Guanajuato, 1985. (Spanish) Principal Author

D3 SUBMITTED PUBLICATIONS

DeHaan MN, **Guzman J**, Bayley MT, Bell MJ. Knee Osteoarthritis Clinical Practice Guidelines – How Are We Doing? Co-principal author

Guzman J, Haldeman S, Hurwitz E, Peloso P, Carroll L, Carragee E, Nordin M, Cassidy JD, Holm L, Côté P, van der Velde G, Hogg-Johnson S. Practice Implications of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain & its Associated Disorders: From Concepts and Findings to Recommendations. Principal author

Guzman J, Hurwitz E, Côté P, Carroll L, Haldeman S, Carragee E, Peloso P, van der Velde G, Nordin M, Hogg-Johnson S, Holm L, Cassidy JD. The Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders Conceptual Model for the Course and Care of Neck Pain. Principal Author

Hurwitz E, Carragee, E; van der Velde G, Carroll L, Nordin M, **Guzman J**, Peloso P, Holm L, Côté P, Hogg-Johnson S, Cassidy JD, Haldeman S. Noninvasive intervention for neck pain and its associated disorders: Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders. Co-principal author

Carragee EJ, Hurwitz EL, Cheng I, Carroll L, Nordin M, **Guzman J**, Peloso P, Holm L, Côté P, Hogg-Johnson S, van der Velde G, Cassidy JD, Haldeman S. Surgical interventions: results of The Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders.

Collaborator

Nordin M, Carragee EJ, Hogg-Johnson S, Schechter Weiner S, Hurwitz EL, Peloso P, **Guzman J**, van der Velde G, Carroll L, Holm L, Côté P, Cassidy JD, Haldeman S. Assessment of neck pain and its associated disorders: results of The Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders. Collaborator

Hogg-Johnson S, van der Velde G, Carroll L, Holm L, Cassidy JD, **Guzman J**, Côté P, Haldeman S, Ammendolia C, Carragee EJ, Hurwitz EL, Nordin M, Peloso P. The burden and determinants of neck pain in the general population: results of The Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders. Collaborator

Holm L, Carroll L, Cassidy JD, Hogg-Johnson S, Côté P, **Guzman J**, Peloso P, Nordin M, Hurwitz E, van der Velde G, Carragee E, Haldeman S. The Burden and Determinants of Whiplash-Associated Disorders after Traffic Collisions: Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and its Associated Disorders. Collaborator

Côté P **et al.** The Burden and Determinants of Neck pain in Workers: Results of the Bone and Joint 2000-2010 Task Force on Neck Pain and Its Associated Disorders. Collaborator

Carroll L, Hogg-Johnson S, Côté P, van der Velde G, Holm L, Carragee EJ, Hurwitz EL, Peloso P, Cassidy JD, **Guzman J**, Nordin M, Haldeman S. Collaborator. Course and Prognostic Factors for Neck Pain in Workers: Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders. Collaborator

Carroll L, Hogg-Johnson S, van der Velde G, Haldeman S, Holm L, Carragee EJ, Hurwitz EL, Côté P, Nordin M, Peloso P, Cassidy JD, **Guzman J**. Course and Prognostic Factors for Neck Pain in the General Population: Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders. Collaborator

Carroll L, Holm L, Hogg-Johnson S, Côté P, Cassidy JD, Haldeman S, Nordin M, Hurwitz E, Carragee E, van der Velde G, Peloso P, **Guzman J**. Course and Prognostic Factors for Neck Pain in Whiplash Associated Disorders (WAD): Results of The Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders. Collaborator

Faber E, Miedema HS, van Staa A, Burdorf A, **Guzman J**, Nauta AP, Verhaar JAN. Information exchange between orthopedic surgeons and occupational physicians: what do they think? A qualitative study. Collaborator

Skakon J, Nielsen, K, Borg V, **Guzman, J**. The impact of Leaders on Employee Stress and Wellbeing: A systematic Review of 25 years of Empirical Research. Collaborator

D4 BOOK CHAPTERS

Guzmán J. Rehabilitation of Patients with Rheumatic Diseases. In Randall Braddom, editor: Physical Medicine and Rehabilitation 3rd Edition. London: Elsevier, 2007

Guzmán J. Physiotherapy and Rehabilitation. In Alarcon Segovia D and Molina J: Hispano-American Textbook of Rheumatology. Bogota Colombia: Schering -Plough, 2006 (Spanish)

Guzmán J, Frank J, Stock S, Yassi A, Loisel P for the Work-Ready Group. Stakeholder views of return to work after occupational injury. In Sullivan T and Frank J, editors: Preventing and Managing Disabling Injury at Work. New York: Taylor & Francis, 2003.

Guzmán J. Laboratory in rheumatic diseases. In Rodriguez RS, editor: Pediatric Rheumatology. Mexico: Interamericana, 1994 (Spanish).

Guzmán J. Acute Abdominal Pain in Systemic Lupus Erythematosus. In Aguilar-Salinas CA editor: Manual of Medical Therapeutics and Emergency procedures, 2nd ed. Mexico City: Interamericana McGraw-Hill, 1994 (Spanish).

Guzmán J. Arthrocentesis. In Aguilar-Salinas CA editor: Manual of Medical Therapeutics and Emergency procedures, 2nd ed. Mexico City: Interamericana McGraw-Hill, 1994 (Spanish).

D5 REFEREED ABSTRACTS

Pennick V, Kennedy C, Wang A, Widdrington H, Sinclair S, Irvin E, Mahood Q, **Guzmán J.** Using the GRADE approach to summarize the evidence from systematic reviews and clinical practice guidelines in chronic low back pain. Canadian Cochrane Colloquium. Ottawa, Canada, February, 2007

Guzmán J, Hayden J, Furlan A, Cassidy D, Loisel P, Flannery, Gibson J, Frank, J. What are the key modifiable factors that prevent disability in people with back pain? A consensus using Delphi and Q-card methodologies. International Congress of Occupational Health. Milan, Italy June 10-16, 2006

Guzmán J, Jones D, Cassidy JD, Furlan A, Loisel P, Frank JW. Key Factors in Back Disability Prevention: What influences their relative prioritization? International Forum VIII for Primary Care Research in Low Back Pain. Amsterdam, June 7-10, 2006.

Guzmán J, Cooper JE, Khokhar J, Yassi A. Community-based pilot trial of a communication tool to facilitate work-accommodation after work injuries. Arch Phys Med Rehabil 2003

Guzmán J, Yassi A, Cooper JE, Khokhar J. A pilot project of physician-centered administrative and educational interventions to reduce disability after work injuries. *Arch Phys Med Rehabil* 2002;83:1660.

Guzmán J, Cooper JE, Khokhar J, Yassi A. Perspectives of primary care physicians on return to work after a soft tissue injury. *Arch Phys Med Rehabil* 2001;82:1315.

Guzmán J, Esmail R, Karjalainen K, Malmivaara A, Irvin E, Bombardier C. Multidisciplinary biopsychosocial rehabilitation for chronic low back pain. A systematic review. *Arch Phys Med Rehabil* 2001;82:1294

Whitney-Mahoney K, **Guzmán J**, Feldman BM. The inter-rater reliability among health care professionals in the detection of joint swelling in children with juvenile arthritis. *Arthritis Rheum* 1999;42(9 Suppl):S186.

Guzmán J, Anderson G, Davis D, Gibson E, Glazier R, Hogg-Johnson S, Jansz G, Pennick V, Bombardier C. Decision aids for implementation of back pain guidelines. What works and what doesn't. *Arthritis Rheum* 1998;41(9 Suppl):S182.

Li L, Irvin E, **Guzmán J**, Bombardier C. Surfing for back pain sufferers. The nature and quality of back pain information in the Internet. *Arthritis Rheum* 1998;41(9 Suppl):S339.

Guzmán J, Anderson G, Davis D, Gibson E, Glazier R, Hogg-Johnson S, Jansz G, Pennick V, Bombardier C. Patient outcomes and satisfaction with initial primary care for acute low back pain in a Canadian health care setting. *Arthritis Rheum* 1997;40(9 Suppl):S137.

Bombardier C, **Guzmán J**, Anderson G, Davis D, Gibson E, Glazier R, Hogg-Johnson S, Jansz G, Pennick V. Clinical presentation and primary care management of acute low back pain in two Canadian cities. *Arthritis Rheum* 1997;40(9 Suppl):S138.

Hogg-Johnson S, Bombardier C, **Guzmán J**, Smith J, Kerr M, Sinclair S, Shield S. A comparison of symptoms and disability from acute low back pain among three study settings. *Arthritis Rheum* 1997;40(9 Suppl):S263.

Guzmán J, Esmail R, Irvin E, Bombardier C. A systematic review of multidisciplinary team approaches for the treatment of chronic low back pain. *Arthritis Rheum* 1997;40(9 Suppl):S310.

Guzmán J, Burgos-Vargas R, Duarte C, Gómez-Mora P. Development and initial evaluation of modified guidelines for the articular examination of children with juvenile rheumatoid arthritis. *Revista Mexicana de Reumatología* 1997;12(Suppl 1):7. (Spanish)

Guzmán J, Guillemin F, Maetzel A, Bombardier C. Ranitidine versus Misoprostol for the prevention of GI complications of NSAID's. A utility analysis. *Revista Mexicana de Reumatología* 1997;12(Suppl 1):13. (Spanish)

Guzmán J, Maetzel A, Peloso P, Yeung M, Bombardier C. Disability scores in DMARD trials. What is a clinically important change? *Revista Mexicana de Reumatologia* 1997;12(Suppl 1):14. (Spanish)

Guzmán J, Burgos-Vargas R, Duarte C, Gómez-Mora P. Successes and pitfalls of modified guidelines for the examination of children with juvenile rheumatoid arthritis. *Arthritis Rheum* 1996;39(9 Suppl):S57.

Guzmán J, Peloso P, Bombardier C. Capturing health care use for low back pain: development of an interviewer-administered questionnaire. *Arthritis Rheum* 1996;39(9 Suppl):S133.

Guzmán J, Maetzel A, Peloso P, Yeung M, Bombardier C. Disability scores in DMARD trials. What is a clinically important change? *Arthritis Rheum* 1996;39(9 Suppl):S208.

Maetzel A, **Guzmán J**, Yeung M, Ibañez D, Peloso P, Bombardier C. Performance of ACR and DAS/EULAR response criteria in two RA clinical trials. *Arthritis Rheum* 1996;39(9 Suppl):S208.

Guzmán J, Maetzel A, Peloso P, Ibañez D, Bombardier C. Problem elicitation technique and SF-36 quality of life scores in NSAID trials. What is a clinically important change? *Arthritis Rheum* 1996;39(9 Suppl):S260.

Arce-Salinas CA, Cardiel MH, **Guzmán J**, Alcocer-Varela J. Validity of retrospective disease activity assessment in systemic lupus erythematosus. *Arthritis Rheum* 1995;38(9 Suppl):S222.

Gomez-Mora P, **Guzmán J**, Rodriguez-Suarez R. Early cytotoxic therapy for children with juvenile dermatomyositis. *Arthritis Rheum* 1995;38(9 Suppl):S231.

Guzmán J, Burgos-Vargas R, Duarte C, Gómez-Mora P. Reliability of the joint examination in children with juvenile rheumatoid arthritis. *Arthritis Rheum* 1994;37(9 Suppl):S328.

Guzmán J, Cardiel MH, Arce-Salinas A, Alarcón-Segovia D. The contribution of resting heart rate and routine blood tests to the clinical assessment of disease activity in systemic lupus erythematosus. *Arthritis Rheum* 1994;37(9 Suppl):S181.

Guzmán J, Fung M, Petty RE. Diagnostic value of serum anti-endothelial cell antibodies (AECA) in early Kawasaki disease. *Revista Española de Reumatologia* 1993;20(Suppl 1):353.

Guzmán J, Fung M, Petty RE. False positive anti-endothelial cell antibody (AECA) tests by enzyme linked immunoassay (ELISA). *Revista Española de Reumatologia* 1993;20(Suppl 1):307.

Guzmán J, Fung M, Petty RE. Diagnostic value of serum anti-neutrophil cytoplasmic antibodies (ANCA) in early Kawasaki disease. *Arthritis Rheum* 1992;35(9 Suppl):S229.

Guzmán J, Cardiel MH, Sánchez-Guerrero J, Arce-Salinas A, Alarcon-Segovia D. Measurement of Disease Activity in Systemic Lupus Erythematosus. Prospective Validation of three Clinical Indices. *Arthritis Rheum* 1991;34(9Suppl):S94.

Guzmán J, Cabral AR, Cabiedes J, Pita-Ramírez L, Alarcón-Segovia D. Antiphospholipid antibodies in autoimmune haemolytic anaemia. *Revista Mexicana de Reumatología* 1991;6(1):10. (Spanish)

E PRESENTATIONS AND SPECIAL LECTURES:

E1 PAPERS PRESENTED AT MEETINGS AND SYMPOSIA:

- 2007 Mexican Congress of Rheumatology in Chihuahua, Mexico. February 17-20, 2007. Presentation of two research abstracts.
- 2006 28th International Congress on Occupational Health in Milan, Italy. June 11-16, 2006. Presentation of one research abstract.
- International Forum VIII in Primary Care Research on Low Back Pain in Amsterdam, Holland. June 8-10, 2006. Presentation of two research abstracts.
- 2005 Meeting of the Canadian Association for research in Work & Health in Vancouver, Canada. May 15 to 17, 2005. Presentation of one research abstract.
- 2003 65th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation in Chicago, Illinois, USA. October 9 to 13, 2003. Presentation of one research abstract.
- 2002 64th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation in Orlando, Florida, USA November 21-24, 2002. Presentation of one research abstract.
- Annual Scientific Meeting of the Canadian Association of Physical Medicine and Rehabilitation in Hecla Island, Manitoba June 12-16, 2002. Presentation of three research abstracts.
- Montreal International Forum V for Primary Care Research on Low-Back Pain Montréal, Canada. May 10-11, 2002. Presentation of three research abstracts.
- 2001 63rd Annual Assembly of the American Academy of Physical Medicine and Rehabilitation in New Orleans, Louisiana, USA September 13-16, 2001. Presentation of two research abstracts. Cancelled due to terrorist attacks in the USA.
- 2000 Back Pain and Disability – Unravelling the Puzzle International Conference, New York City, USA, November 30-December 2, 2000. Presentation of one research abstract.
- 1999 63rd Annual Meeting of the American College of Rheumatology in Boston, Massachusetts, USA November 14-17. Presentation of one research abstract.

- HEALNet Annual Conference in Calgary, Alberta, Canada March 28-30.
Presentation of two research abstracts.
- 1998 62nd Annual Meeting of the American College of Rheumatology in San Diego, California, USA November 8-12. Presentation of two research abstracts.
- 3rd International Forum on Low Back Pain in Manchester, UK October 2-3.
Presentation of five research abstracts.
- XII Panamerican Congress of Rheumatology in Montreal, Quebec June 21 to 25, 1998. Presentation of six research abstracts.
- 1997 61st annual meeting of the American College of Rheumatology in Washington, D.C. November 8-12, 1997. Presentation of four research abstracts.
- Meeting of the Canadian Rheumatology Association in Mont Tremblant, Quebec February 26 to March 1, 1997. Presentation of three research abstracts.
- 1996 60th meeting of the American College of Rheumatology in Orlando, Florida. October 18-22, 1996. Presentation of five research abstracts.
- 1995 59th meeting of the American College of Rheumatology in San Francisco, Cal. October 21-26, 1995. Presentation of two research abstracts.
- 1994 58th meeting of the American College of Rheumatology in Minneapolis, USA. October 23-27, 1994. Presentation of two research abstracts.
- 6th International Symposium on Antiphospholipid Antibodies, Leuven, Belgium, September 15-17, 1994. Presentation of a research abstract.
- 1993 XVIII meeting of the International League Against Rheumatism, Barcelona, Spain, July 4-10, 1993. Presentation of two research abstracts.
- Canadian Pediatric Society meeting, June 26-30, 1993 Vancouver, Canada.
Presentation of two research abstracts.
- 1992 56th meeting of the American College of Rheumatology, Atlanta, Georgia, October 11-15, 1992. Presentation of a research abstract.
- 1991 55th meeting of the American College of Rheumatology, Boston, MA, 17-21 November, 1991. Presentation of a research abstract.

Additionally I have had abstract presentations at the following meetings in Mexico: Mexican Society of Rheumatology 1991, 1993, 1994, 1995, 1997, 1998. XXXVI Annual meeting of the Association of Physicians of the National Institute of

Nutrition, 1994. Medical Meeting of the Children's Hospital of Villahermosa, Villahermosa, Mexico, 1985.

E2 INVITED LECTURES:

- 2007 WFC 9th Biennial Congress and ECU 75th Anniversary Convention. Vilamoura, Portugal, May 17-19, 2007. Four invited presentations: “What are the red flags for neck pain and what can we tell patients about the risks and benefits of surgical and injection therapies?”, “Best orthopedic, chiropractic and integrated management of spinal pain”, “Non-invasive interventions for neck pain”, “Invasive interventions for neck pain”, “Practice implications of the Decade of the Bone and Joint 2000-2010 Task Force on neck Pain and Its Associated Disorders”
- Restoring the Health in Healthcare Conference, WorkSafeBC. Vancouver, Canada, March 28, 2007. “Health Care Worker Wellness: Current evidence in prevention of work disability”.
- Division of PMR City Rounds, UBC. Vancouver, Canada, January 10, 2007. “Rehabilitation of patients with rheumatic diseases”
- 2006 Division of PMR City Rounds, UBC. Vancouver, Canada, November 1, 2006. “The concept and practice of disability prevention”
- Presentation in Research Forum, Workplace Safety and Insurance Board. Toronto, Canada, March 22, 2006. “Key factors in back disability prevention”
- MSK Forum Toronto Rehabilitation Institute. Toronto, Canada, January 9, 2006. “The rehabilitation of people with rheumatic diseases”
- 2005 CLIP program research advisory group meeting. Montreal, Canada, June 29, 2005. Invited speaker, “The Peterborough Back Rules for acute low back pain”, “The primary care and occupational disability study”.
- Department of Medicine Grand Rounds. Toronto, Canada, April 14, 2005. Invited speaker, “Back Pain and Disability Prevention”.
- Toronto Rehabilitation Institute Academic Grand Rounds. Toronto, Canada. February 18, 2005. Invited speaker, “What is new in back pain research?”
- Institute for Work & Health Internal Plenary. Toronto, Canada, February 8, 2005. “What is new in back pain research?”
- 2004 Institute for Work & Health Internal Plenary. Toronto, Canada, October 26, 2004. “Transdisciplinary Rounds: What makes a good theory good?”

- Round Table Project on Safe and Timely Return to Function and Return to Work. Toronto, Canada, October 7, 2004. Invited speaker, “Developing a Roadmap for Disability Prevention”.
- Medico-Ethical Workshop and Professional Development Seminar. Office of the Commissioner of Review Tribunal, CPP/OAS, HRDC. Ottawa, Canada, March 22 and 23, 2004. Invited speaker, “Chronic back pain as a biopsychosocial problem”.
- Third Canadian Comprehensive Review Course in Physical Medicine and Rehabilitation. March 20, 2004. Physical Examination of the Neck.
- University of Manitoba Department of Medicine Grand Rounds. January 6, 2004. Evidence-based rehabilitation: what it is and what it isn’t.
- 2003 University of Toronto Division of Physiatry Grand Rounds. November 21, 2003. Evidence-based rehabilitation for people with neck pain.
- Institute for Work & Health Internal Plenary. September 23, 2003. Low back pain and disability prevention: a program of research.
- University of Manitoba Department of Community Health Sciences Colloquium, February 7, 2003. Invited speaker, “Physicians’ role in return to work. What do they think and what would they do about it”.
- University of Manitoba Rehabilitation Medicine Grand Rounds, Winnipeg, Manitoba, Canada. January 27, 2003. Invited speaker, “Low back pain and disability prevention”.
- 2002 North American Spine Society 17th Annual Meeting. Montreal, Quebec, Canada. October 29 to November 2, 2002. Invited speaker, “Multidisciplinary rehabilitation for chronic low back pain”.
- Toronto Rehabilitation Institute Academic Grand Rounds. Toronto, Ontario, Canada. October 18, 2002. Invited speaker, “Low back pain and disability prevention”.
- Rehabilitation Update. Nova Scotia Rehabilitation Centre Grand Rounds. Halifax, Nova Scotia, Canada. September 20, 2002. Invited speaker, “Low back pain and disability prevention”.
- Rehabilitation Grand Rounds, University of Manitoba Faculty of Medicine. Winnipeg, Canada, April 29, 2002. Invited speaker, “Biopsychosocial rehabilitation for chronic low back pain: What can we learn from randomized controlled trials?”
- Medico-Ethical Workshop. Office of the Commissioner of Review Tribunal, CPP/OAS. Toronto, Canada, February 5, 2002. Invited speaker, “Chronic back pain as a biopsychosocial problem”.

- 2001 Manitoba Federation of Labour Occupational Health Centre Public Presentations. Winnipeg, Canada, December 4, 2001. Invited speaker, "Physicians role in return-to-work and what do they think about it?"
- Medico-Ethical Workshop. Office of the Commissioner of Review Tribunal, CPP/OAS. Winnipeg, Canada, November 26, 2001. Invited speaker, "Chronic back pain as a biopsychosocial problem".
- 1999 Joint Injury and Arthritis Research Group Seminar. University of Calgary, Alberta, Canada. June 10, 1999. Invited speaker, "On feeling sick and becoming disabled. Personal reflections on the disablement process".
- 1998 Workshop on Cochrane Reviews on Low Back Pain in Manchester, UK October 1. Invited speaker, "Assessment of the clinical relevance of trials in systematic reviews".
- 4th Toronto site Cochrane Workshop in Toronto, Ontario April 3, 1998. Invited speaker, "From theory to practice, the challenges of doing systematic reviews".
- The Seminar Series. Institute for Health and Outcomes Research, Department of Physical Medicine and Rehabilitation. University of Saskatchewan. March 12, 1999. Invited speaker, "On feeling sick and becoming disabled. Personal reflections on the disablement process".
- 1997 2nd Toronto site Cochrane Workshop in Toronto, Ontario April 18th, 1997. Invited speaker: "Multi-disciplinary team approaches for the treatment of chronic low back pain".

F TEACHING AND DESIGN:

Undergraduate Education

- Mar 2006 Supervisor of small-group problem-oriented learning for Medical Students, University of Toronto.
- Mar 2005 Facilitation of Interprofessional Team at University of Toronto, Centre for The Study of Pain (Interfaculty Pain Curriculum – IPC)
- 2003-06 Supervision of clerkships in Physical medicine and Rehabilitation for medical students, Toronto Rehabilitation Institute and University of Toronto, Toronto, Canada

Graduate Education

- June 2007 Chairmentor for third year students for the “*Work Disability Prevention CIHR Strategic Training Program*” at Université de Sherbrooke, Longueuil, Quebec.
- June 2006 Chairmentor for third year students for the “*Work Disability Prevention CIHR Strategic Training Program*” at Université de Sherbrooke, Longueuil, Quebec.
- Mar 2006 Co-Supervisor of Tilak Dutta, Masters Student, University of Toronto.
- July 2005 Supervision of coursework for Janne Skakon, Occupational Psychology, Ph D Student, Institute of Psychology, University of Copenhagen, Denmark.
- June 2005 Co-chairmentor for 3rd year students for the “*Work Disability Prevention CIHR Strategic Training Program*” at Université de Sherbrooke, Longueuil, Quebec.
- May 2005 Nomination as Mentor in the Disability Prevention CIHR Strategic Training Program, Université de Sherbrooke, Longueuil, Quebec.
- July 2004 Supervision of coursework for Elske Faber, Kinesiology, Ph D student, Erasmus Medical Centre, Rotterdam, Holland
- June 2004 Participation as the mentor responsible for 2nd year students of Université de Sherbrooke in seminars in the context of the “*Work Disability Prevention CIHR Strategic Training Program*”
- 2003-06 Coordination of Transdisciplinary Rounds at the Institute for Work & Health, Toronto. Quarterly rounds for scientists and graduate students regarding the challenges and opportunities of transdisciplinary collaboration

Postgraduate Education

2003-2006 Supervision of research projects for physiatry residents, University of Toronto Residency Program in Physical Medicine and Rehabilitation

Mar 2004 Facilitation of three small group discussions for physiatry residents on examination of the neck for the PMR Review Course, U of Toronto

2003-2006 Supervision of physiatry residents during rotations at Toronto Rehabilitation Institute, University of Toronto Residency Program in Physical Medicine and Rehabilitation

Continuing Education

2005 CME Workshops for family physicians on *Evidence to Practice through Educationally Influential Physicians: Low Back Pain – Evidence on Management*. July 11, 2005. London, Ontario; Aug 3, 2005, Ottawa, Ontario; Aug. 8, 2005, Hamilton, Ontario; Aug 10, 2005 and Sept 14, 2005, Toronto, Ontario.

2004 Reviewer for the Practice Based Small Group Learning Program module on the topic of “Acute Low Back Pain”, The Foundation for Medical Practice Education, McMaster University, Canada

G GRADUATE STUDENT THESIS SUPERVISION:

H MAINTENANCE OF PROFESSIONAL COMPETENCE:

2007 Certificate of attendance for Mexican Congress of Rheumatology, February 17-20

June 2006 Certificate of Attendance for 28th International Congress on Occupational Health

Feb 2006 Participant, Mexican Canadian Rheumatology Conference.

Jan 2006 Attendance Physiatry Grand Rounds. Sleep Disorders after Traumatic Brain Injury.

Aug 2005 Attended the “*Evidence to Practice Using Educationally Influential Physicians*”

July 2005 Certificate of Attendance at 12 Psychiatry Grand Rounds Jan. to May 2005.

July 2005 Interfaculty Pain Curriculum, Facilitator Training Workshop held March 3, 2005, Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

June 2005 Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada Annual Ogryzlo Research Competition and Keynote Address

May 2005 Certificate of Attendance for Ontario Medical Association Section on Physical Medicine and Rehabilitation Continuing Medical Education Program

Jan 2005 Certificate of Attendance at 3 hours of Toronto Area Rheumatology Rounds.

Sept-Dec 2004 Attendance at 9 Grand Rounds of Division of Psychiatry, Department of Medicine, University of Toronto

Jan-June 2004 Attendance at six Grand Rounds of Division of Psychiatry, Department of Medicine, University of Toronto.

Oct 2004 Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada, 11th Annual Academic Day for Ontario Psychiatrists

Oct 2003 American College of Rheumatology. CME Certificate of attendance. 2003 Annual Scientific Meeting October 23-28, 2003, Orlando, FL.